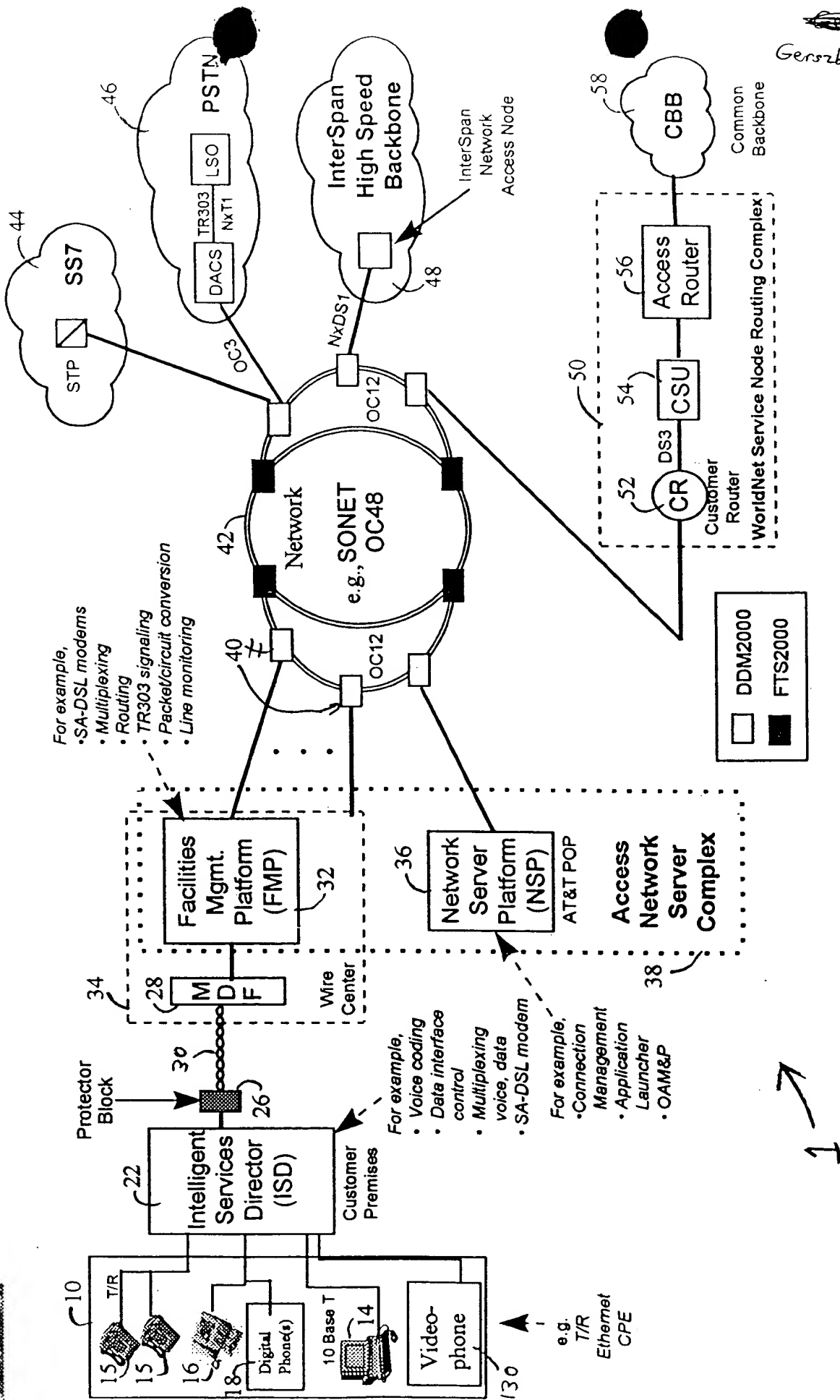




Figure 1

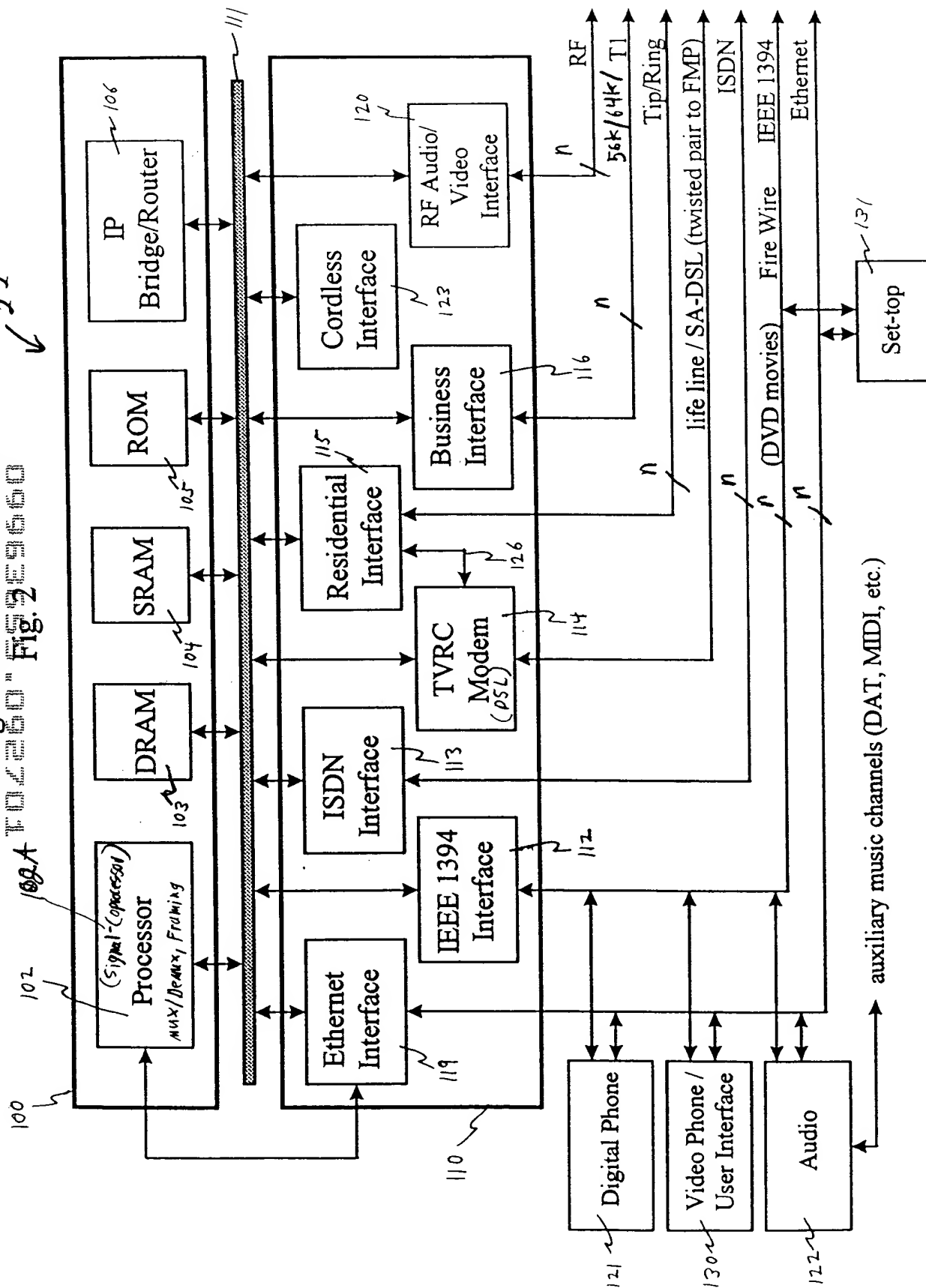
Location of NSP in HFTP Local Loop Network Architecture



Intelligent Services Director

FIG. 2

Gerszberg 72-36-22-12
Page 2 of 14



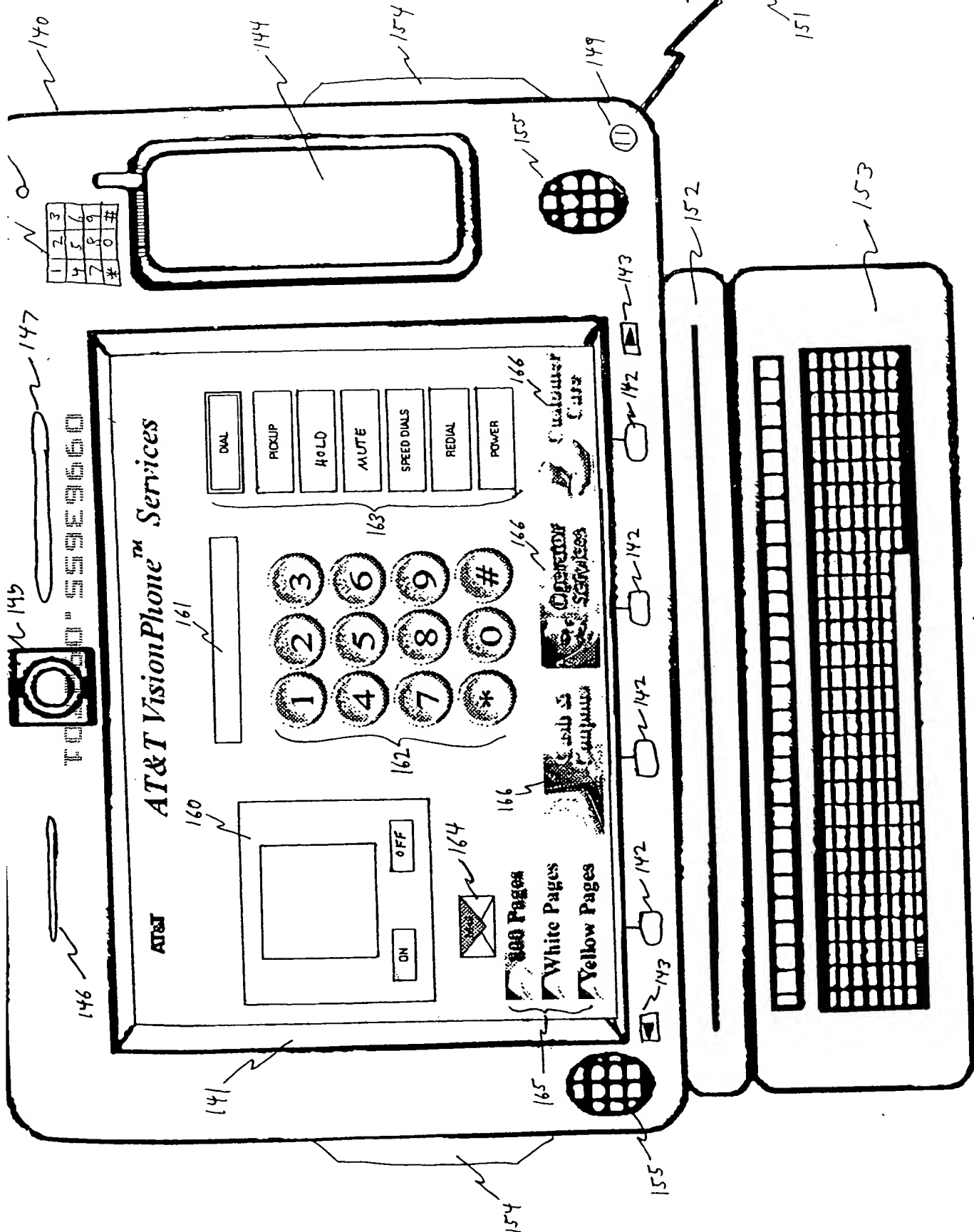


Fig. 3A

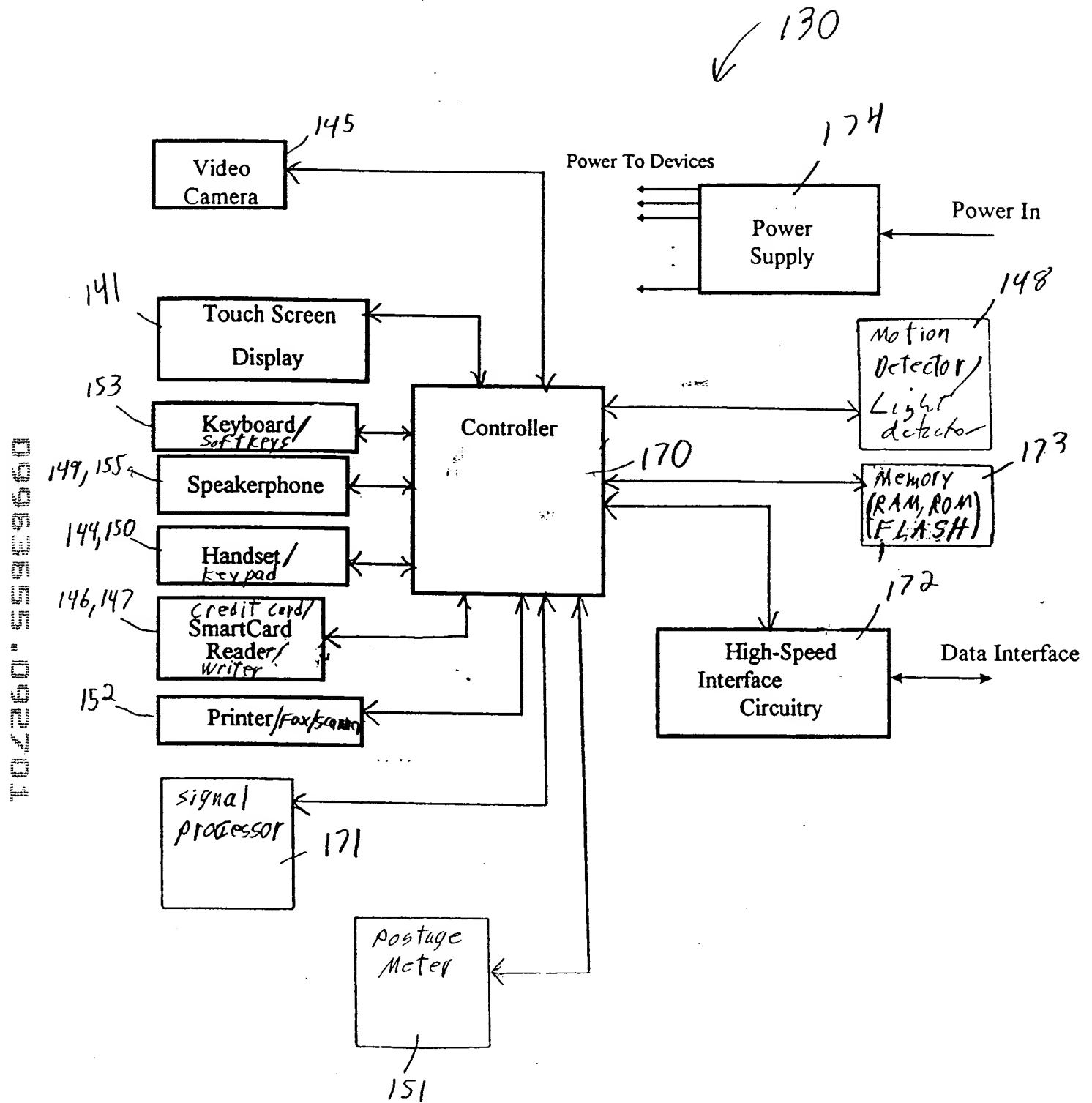


Fig. 3B

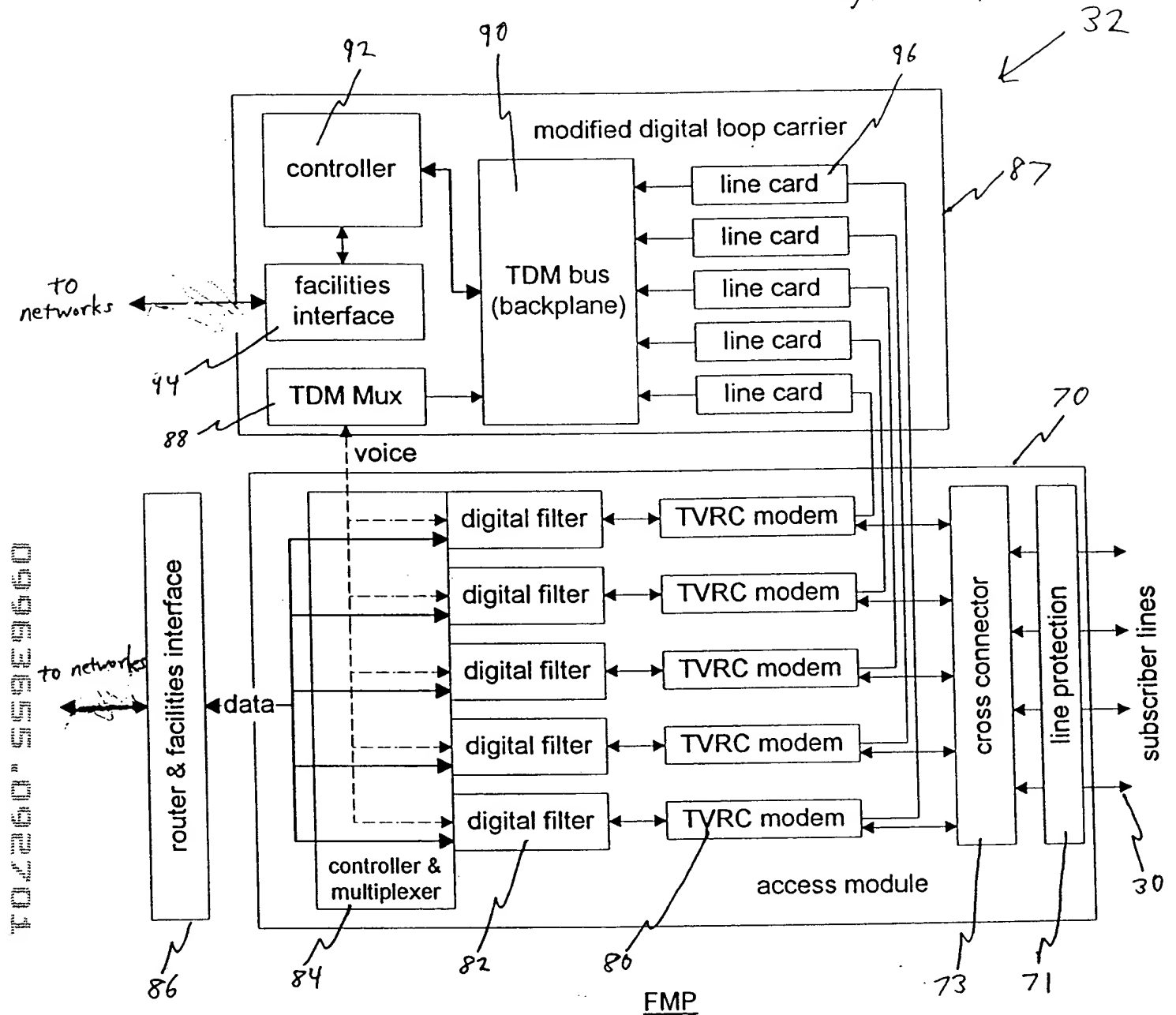
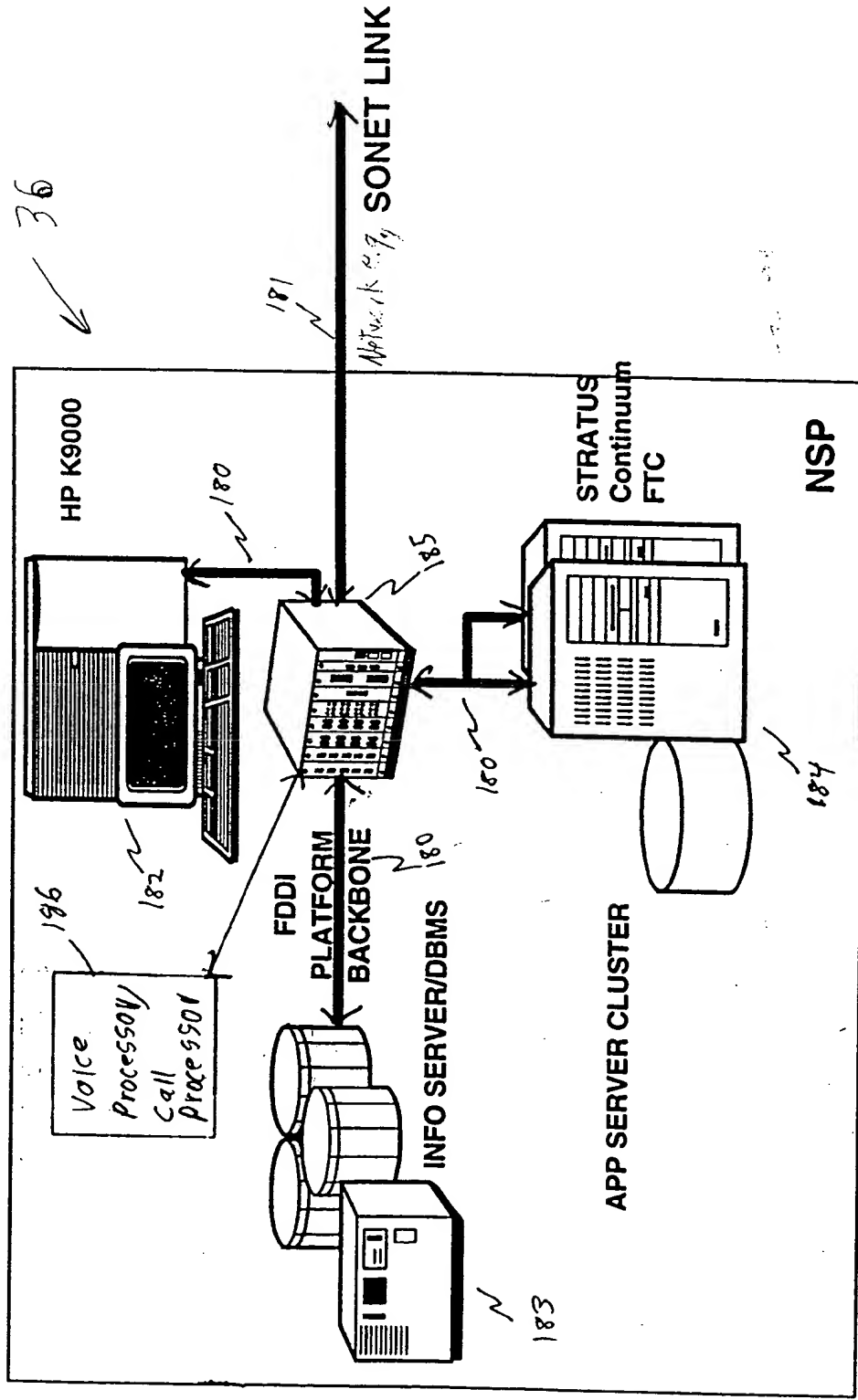


Fig. 4A

Network Server Platform Internal Architecture

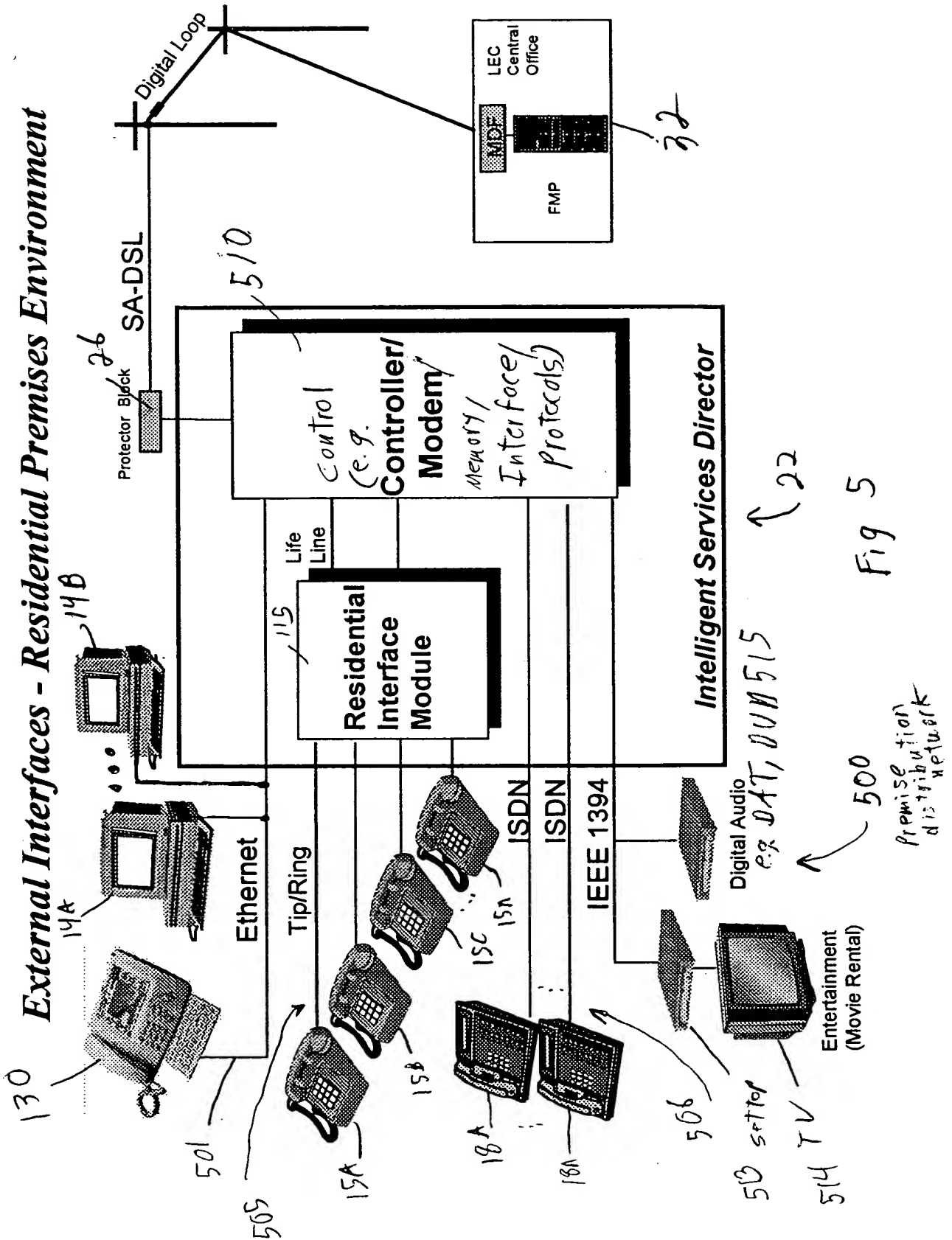
FIG. 48

Fig. 48



Gerszberg 72-36-22-12
Page 6 of 14

External Interfaces - Residential Premises Environment



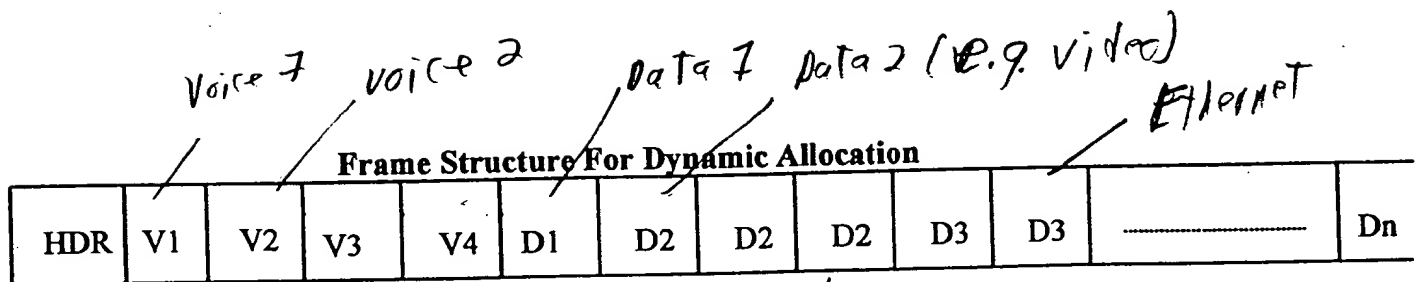


Fig 6A

HDR - Header containing control information

In this example, each slot is a 64 Kbps time slot

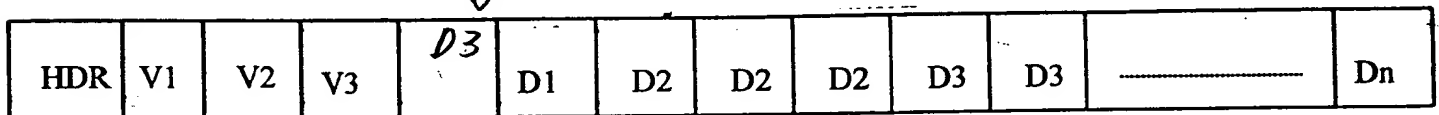
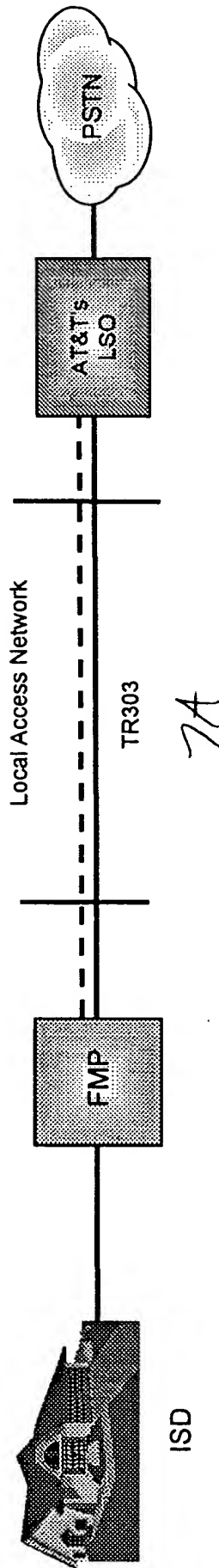
V3 is reallocated to D3

Fig 6B

09063655-092701

Electra Systems & Services Architecture *Protocol Stack for Voice Services (Option 2) - TR303 Interface*



7A

Gerszberg 72-36-22-12
Page 9 of 14

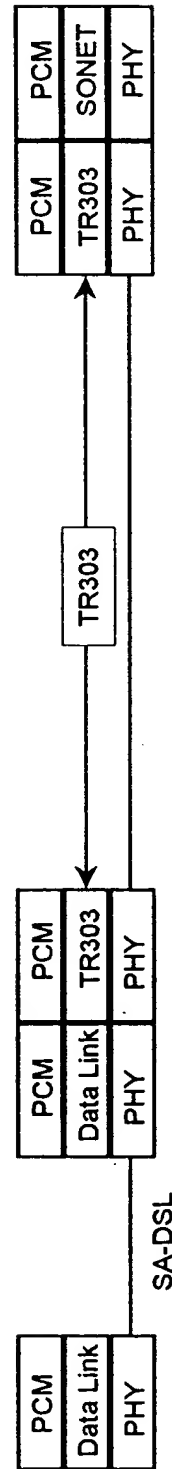


Fig 7B

ISD - Residential Application Embodiment

Residence Intelligent Service Director

FIG. 10

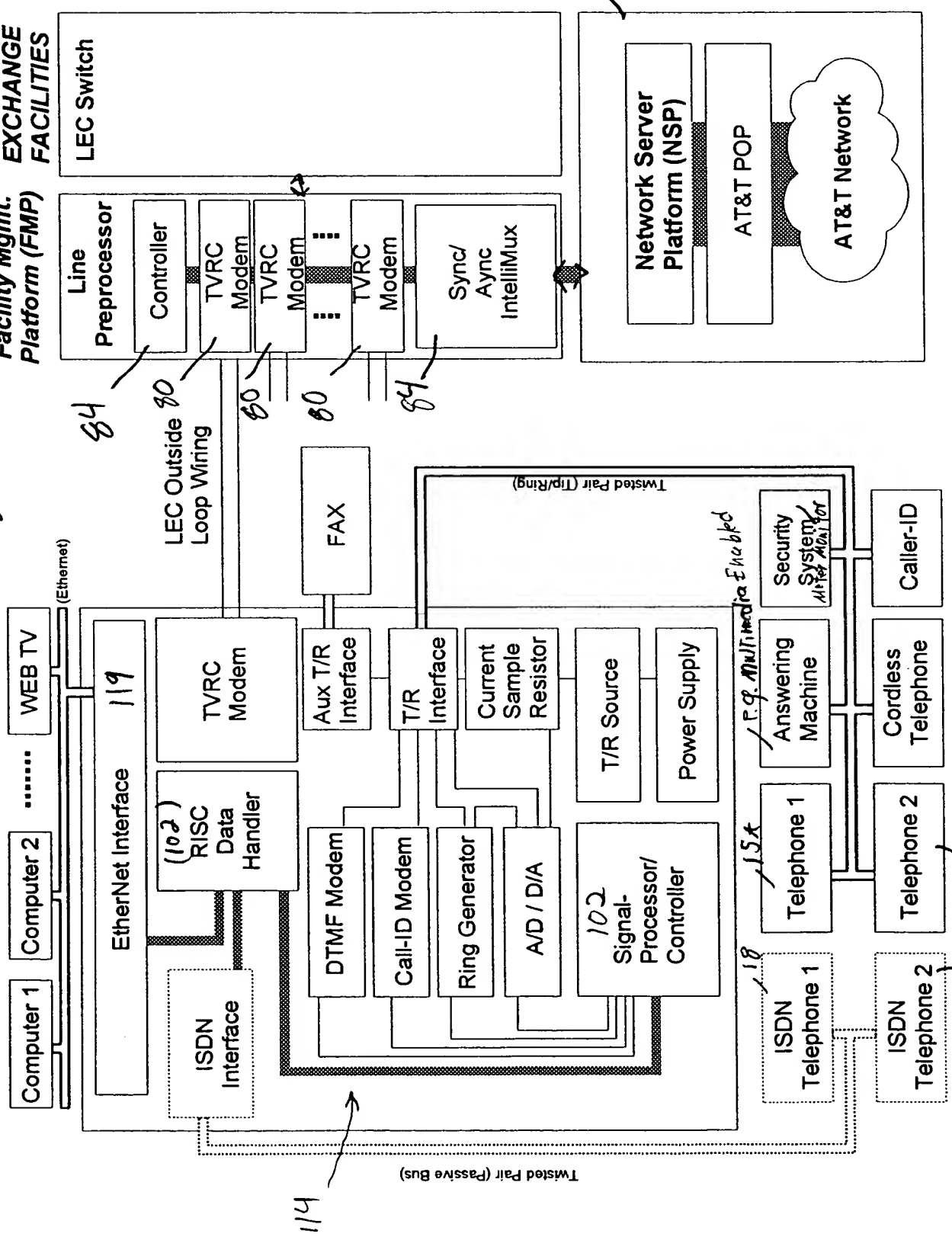


Fig 8

External Interfaces - Business Premises Environment

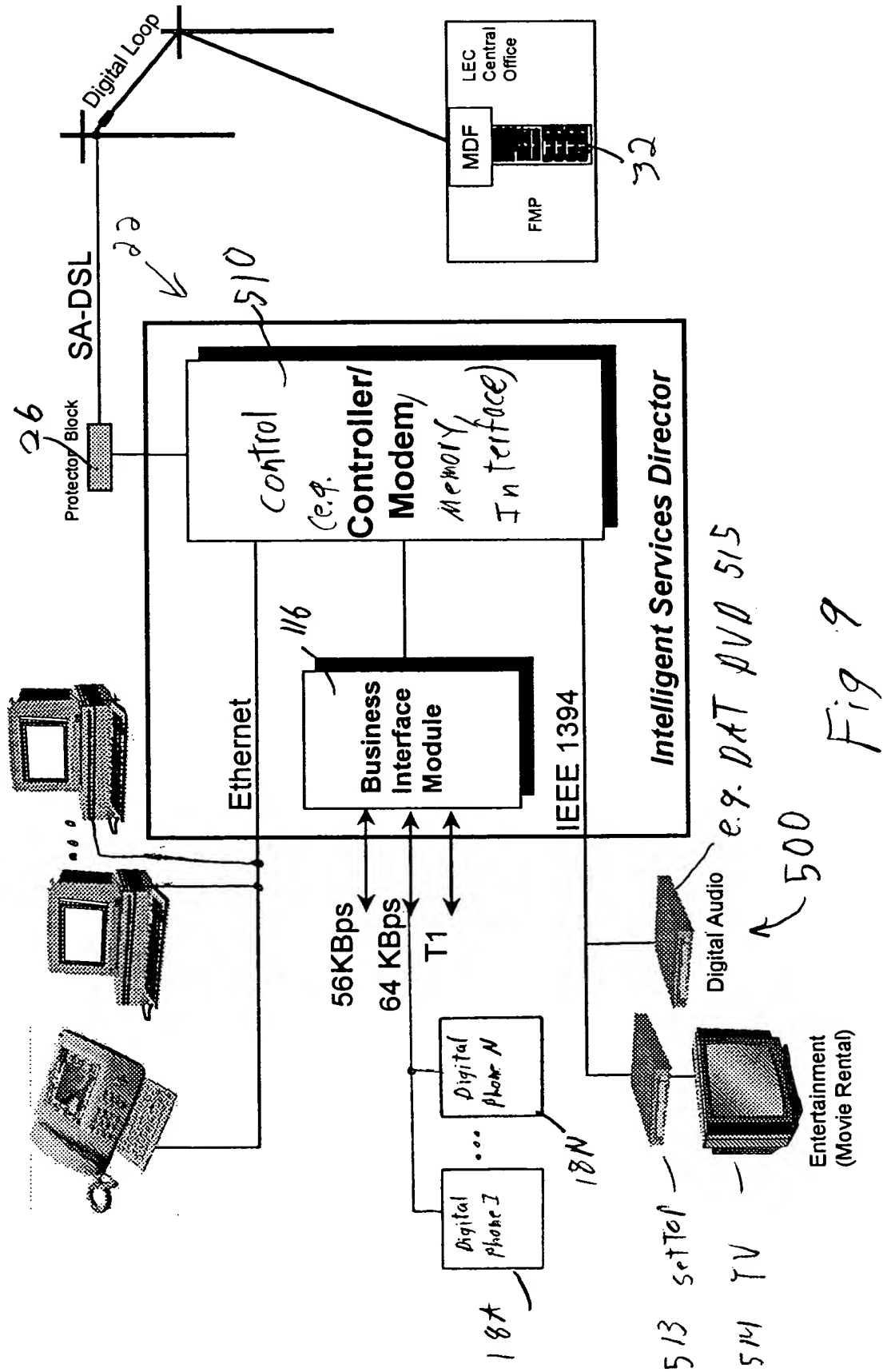


FIG. 10

ISD - Business Application Embodiment

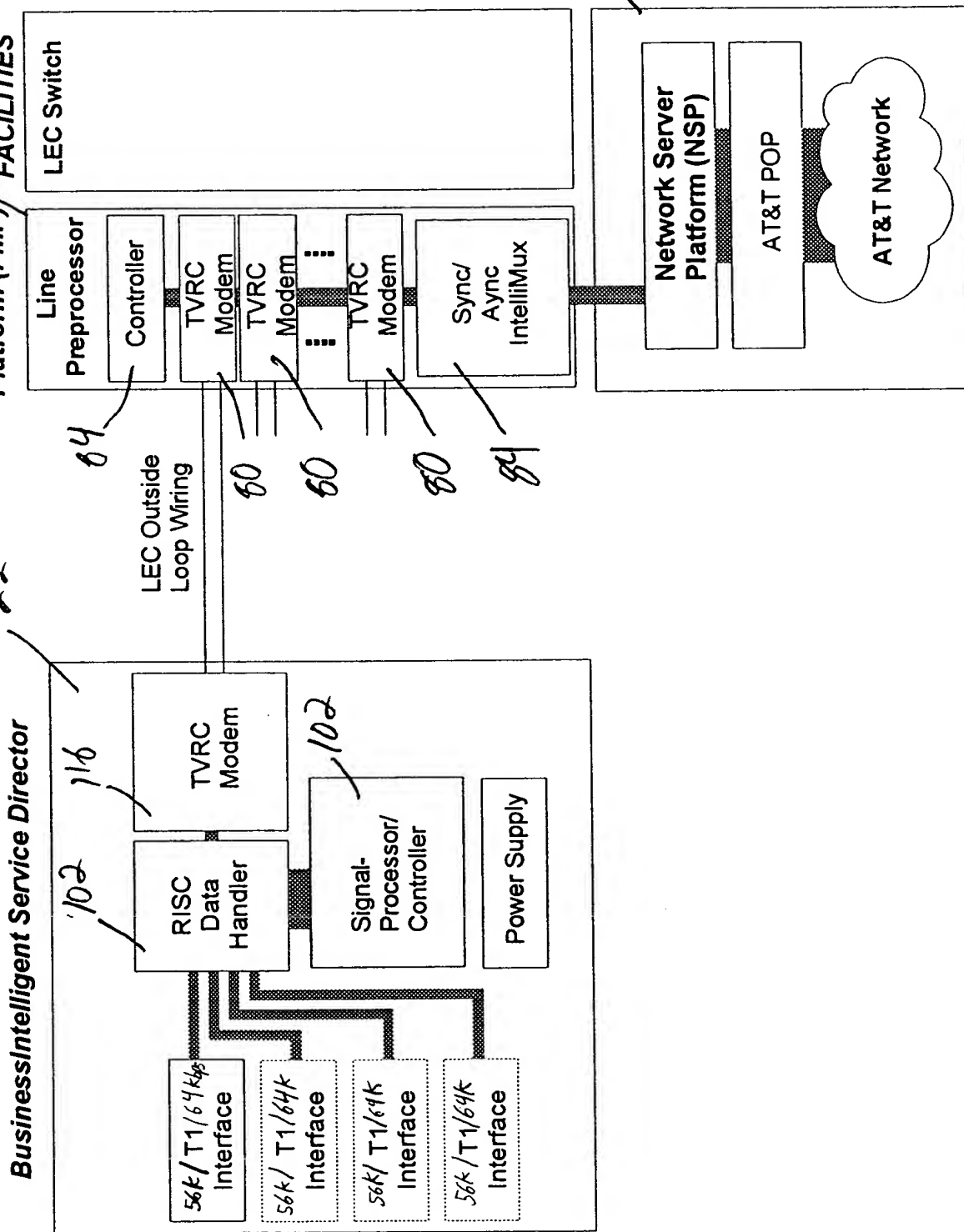


Fig. 10

Electra Systems & Services Architecture

Protocol Stack - ISD to FMP

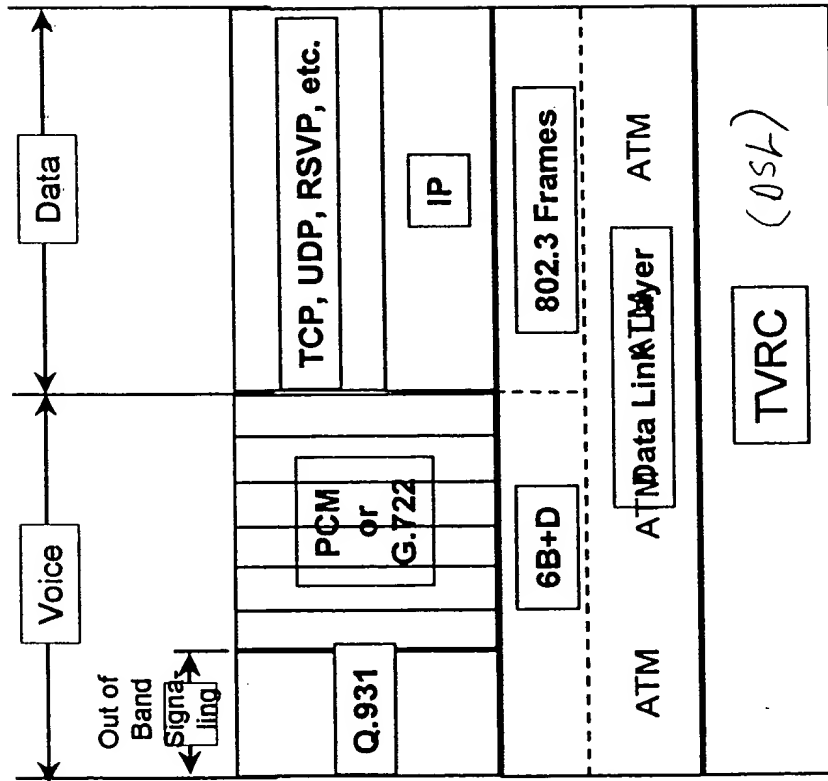


Fig. 11

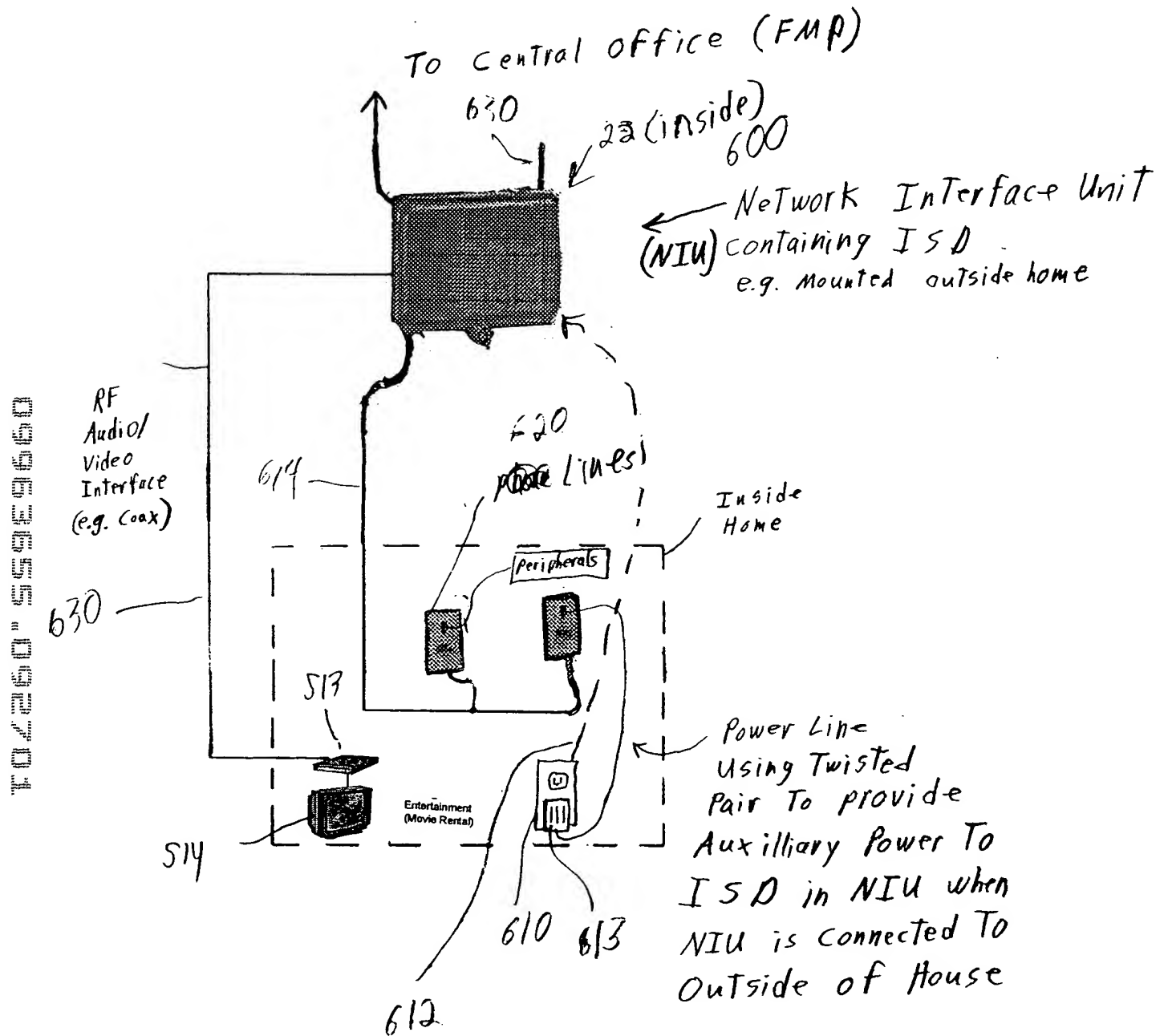


Fig 12